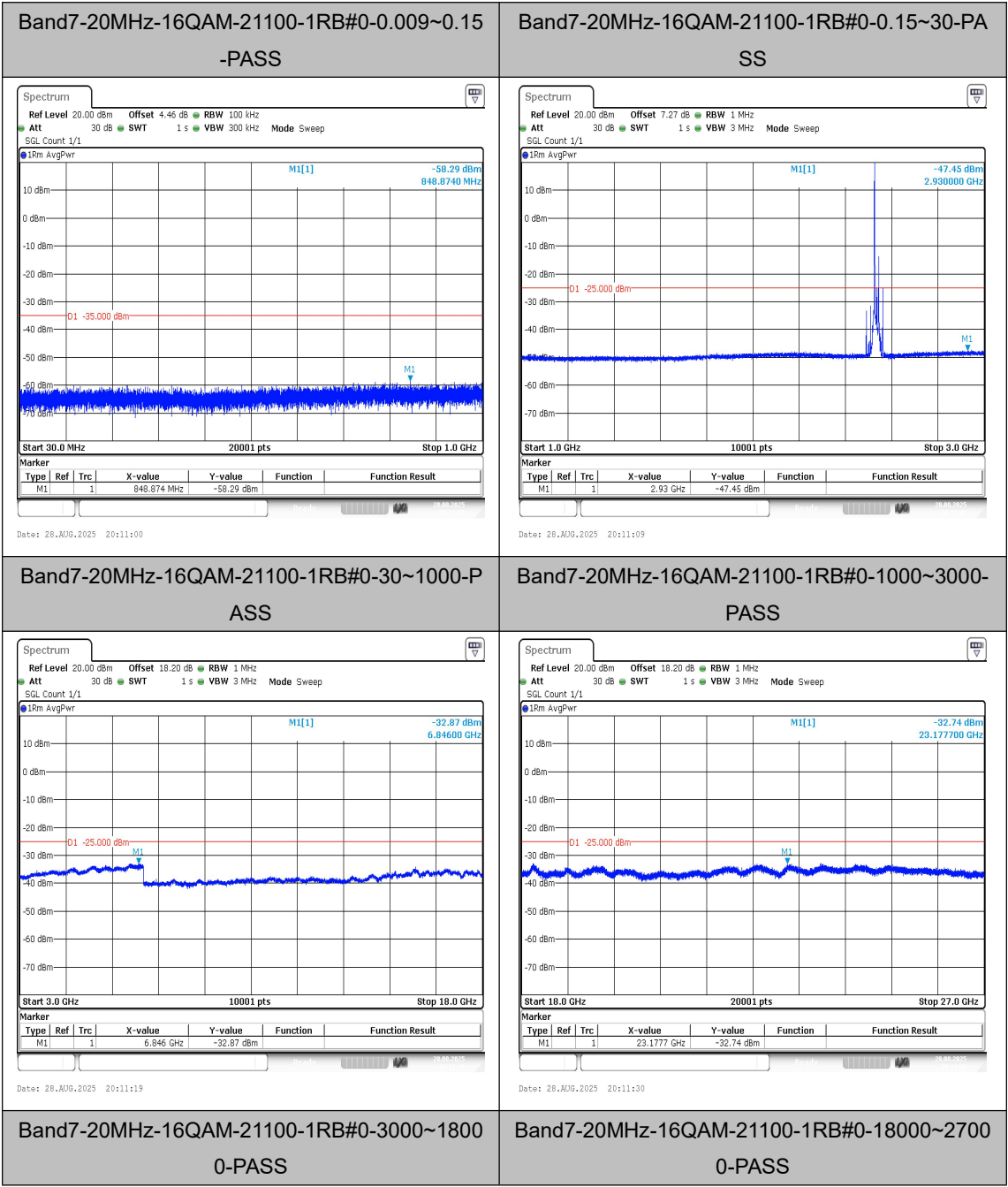
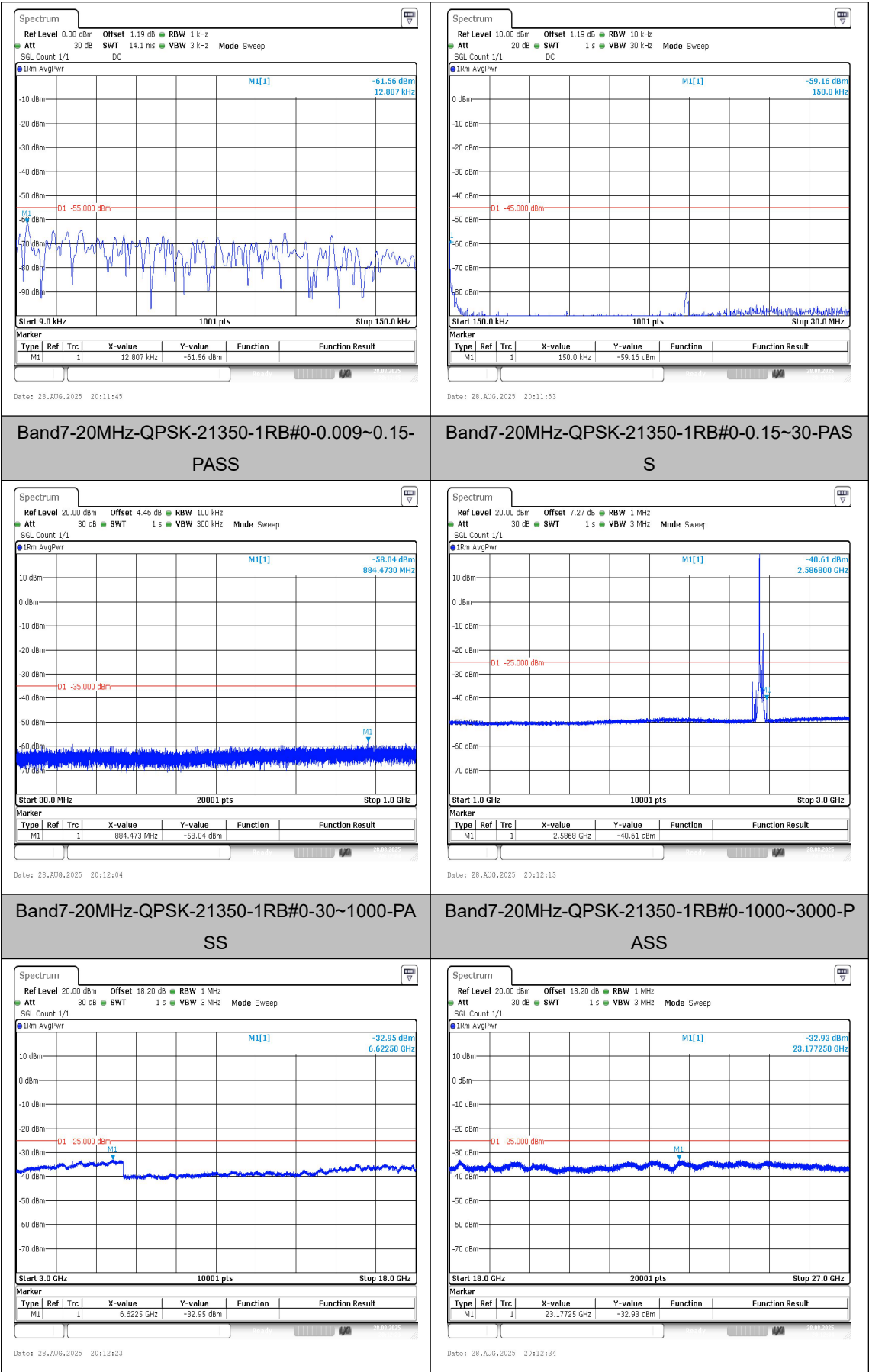
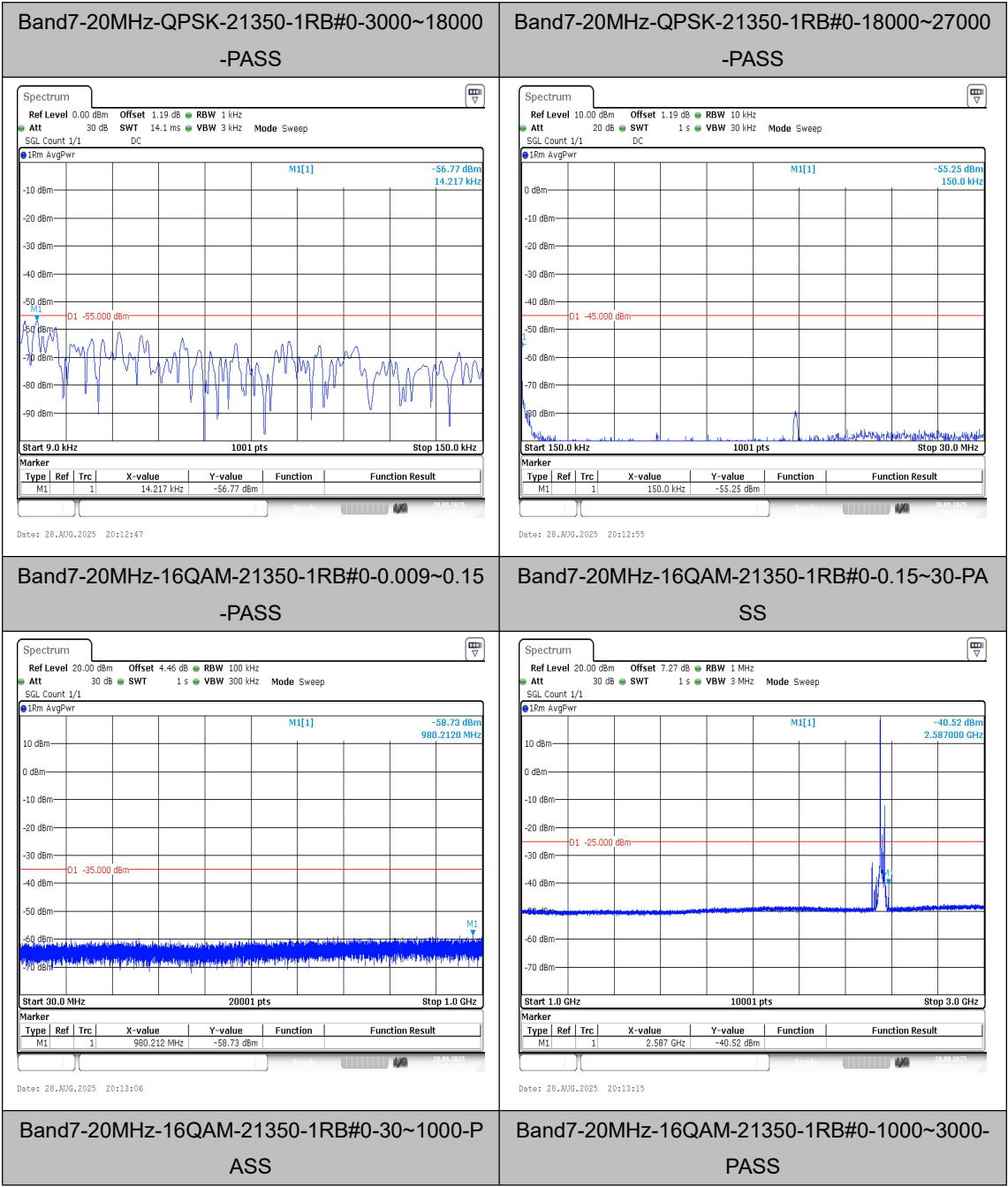
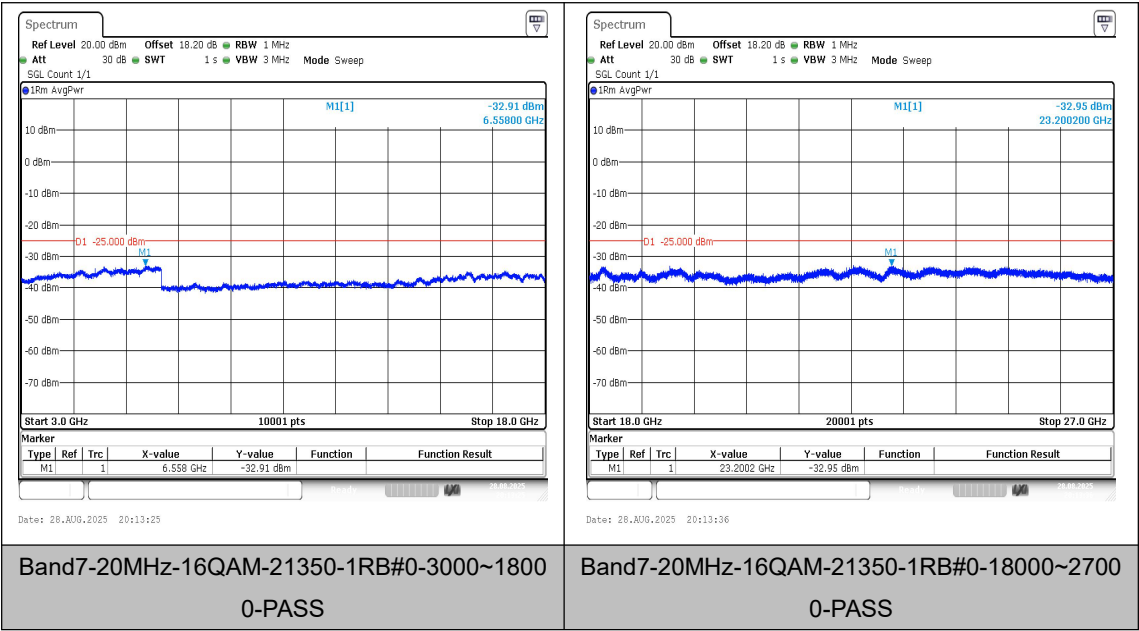










Appendix F: Frequency Stability

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	-9.97	-0.003984	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	-31.51	-0.012591	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-10	34.43	0.013758	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	24.73	0.009882	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	27.32	0.010917	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	26.32	0.010517	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	30	18.64	0.007449	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	40	-8.54	-0.003413	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	50	32.92	0.013155	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	28.90	0.011548	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	-7.14	-0.002853	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-10	12.27	0.004903	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	23.98	0.009582	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	14.89	0.005950	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	15.64	0.006250	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	30	-31.20	-0.012468	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	40	17.05	0.006813	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	50	9.80	0.003916	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	21.87	0.008627	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	-7.58	-0.002990	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-10	-19.07	-0.007523	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	12.30	0.004852	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	-24.93	-0.009834	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	7.77	0.003065	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	30	15.54	0.006130	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	40	-29.98	-0.011826	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	50	22.97	0.009061	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	32.07	0.012651	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	-20.53	-0.008099	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-10	5.41	0.002134	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	14.59	0.005755	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	-25.71	-0.010142	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	17.12	0.006753	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	30	9.50	0.003748	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	40	5.79	0.002284	±2.5	PASS

Band7	5MHz	16QAM	21100	25RB#0	NV	50	14.71	0.005803	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	22.22	0.008654	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	30.46	0.011864	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-10	26.66	0.010384	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	30.70	0.011957	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	19.00	0.007400	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	20.80	0.008101	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	30	-27.32	-0.010641	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	40	28.74	0.011194	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	50	30.14	0.011739	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	-18.25	-0.007108	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	19.35	0.007537	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-10	-29.63	-0.011540	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	13.48	0.005250	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	-34.99	-0.013628	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	31.79	0.012382	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	30	30.51	0.011883	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	40	31.30	0.012191	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	50	31.79	0.012382	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-16.89	-0.006743	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-23.70	-0.009461	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-10	-22.26	-0.008886	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-31.51	-0.012579	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-24.36	-0.009725	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	-9.33	-0.003725	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	30	13.75	0.005489	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	40	-33.82	-0.013501	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	50	-30.61	-0.012220	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	-27.77	-0.010955	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	-30.36	-0.011976	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-10	-26.01	-0.010260	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-19.24	-0.007590	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	-11.74	-0.004631	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	14.88	0.005870	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	30	18.15	0.007160	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	40	28.84	0.011377	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	50	22.59	0.008911	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-24.28	-0.009466	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-33.07	-0.012893	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-10	-18.93	-0.007380	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-8.55	-0.003333	±2.5	PASS

Band7	10MHz	QPSK	21400	50RB#0	NV	10	23.98	0.009349	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	23.73	0.009251	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	30	26.81	0.010452	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	40	23.17	0.009033	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	50	22.47	0.008760	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-30	-12.25	-0.004776	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-20	0.00	0.000000	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-10	-5.06	-0.001973	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	0	-28.45	-0.011092	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	10	-27.44	-0.010698	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	20	0.00	0.000000	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	30	-5.41	-0.002109	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	40	-30.54	-0.011906	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	50	0.00	0.000000	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	-29.08	-0.011597	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	-33.96	-0.013543	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-10	-15.88	-0.006333	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	-9.11	-0.003633	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	-21.67	-0.008642	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	6.65	0.002652	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	30	-29.88	-0.011916	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	40	-30.64	-0.012219	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	50	-29.70	-0.011844	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	-23.09	-0.009108	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	-22.30	-0.008797	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-10	-6.31	-0.002489	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	-10.74	-0.004237	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	14.26	0.005625	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	27.87	0.010994	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	30	-29.55	-0.011657	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	40	23.05	0.009093	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	50	30.77	0.012138	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	-28.42	-0.011091	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	-23.36	-0.009116	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-10	-14.78	-0.005768	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	32.90	0.012839	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	28.81	0.011243	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	29.71	0.011594	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	30	22.75	0.008878	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	40	23.75	0.009268	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	50	20.43	0.007973	±2.5	PASS

Band7	20MHz	QPSK	20850	100RB#0	NV	-30	33.75	0.013446	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	25.49	0.010155	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-10	29.50	0.011753	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	35.53	0.014155	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	29.53	0.011765	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	20.93	0.008339	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	26.74	0.010653	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	31.50	0.012550	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	33.79	0.013329	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	28.91	0.011404	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	29.37	0.011586	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	23.40	0.009231	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	27.04	0.010667	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	32.64	0.012876	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	28.45	0.011223	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	25.65	0.010118	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	32.46	0.012805	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	30.57	0.011941	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	26.15	0.010215	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	28.00	0.010938	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	26.15	0.010215	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	23.95	0.009355	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	27.52	0.010750	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	31.80	0.012422	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	29.14	0.011383	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	36.66	0.014320	±2.5	PASS